

IN THE CLAIMS

Please amend the claims as follows:

Listing of Claims

1. (Currently Amended) A network monitoring system that monitors a communication within a network including a plurality of terminals, the terminals including at least a client and a server, the terminals communicating a plurality of action contents with each other, each action content having ~~consisting of~~ a group of associated packets, the network monitoring system comprising:

a data acquisition section that acquires a plurality of packets flown on the ~~the~~ [[a]] network;

a data analysis section that analyzes ~~analyses~~ each of the packets to extract the group of associated packets from all the packets and that acquires an action content from the group of associated packets, the data analysis section extracting a plurality of groups of the associated packets and acquiring a plurality of action contents therefrom;

a display-information generation section that generates [[a]] display information by chronologically aligning the plurality of action contents to correspond to respective times when the action contents are actually communicated; and

a display unit that displays an association graph indicating the terminals within the network and that overlaps additional objects on the association graph, the additional objects being generated in accordance with the display, the additional objects being overlapped on the association graph in a chronological order corresponding to the respective times ~~along with a sequence of~~ when the action contents are actually communicated,

wherein the additional objects include:

- the type of operating system employed by the client,
- the type of operating system employed by the server,
- an account name of a user accessing the client, and
- an icon representing the account name.

2. (Previously Presented) The network monitoring system according to claim 1, wherein the action content is defined in advance.

3. (Currently Amended) The network monitoring system according to claim 1, wherein the data analysis section identifies kinds of the packets acquired by the data acquisition section and acquires the action content from the packets on the basis of the identified kinds of [[the]] packets.

4. (Previously Presented) The network monitoring system according to claim 1, wherein the action content includes:

- sending source computer information and destination computer information included in a connection packet;

- user information included in an authentication packet;

- action object information included in an object specification packet;

- action information included in a command packet; and

- data included in a data packet.

5. (Currently Amended) The network monitoring system according to claim 1, further comprising:

an analysis data storage section that stores the action content acquired by the data analysis section, wherein:

the display-information generation section regenerates ~~[[the]]~~ information of when the action contents are communicated ~~the sequence of individual actions that occurred on the network~~ from the action content stored by the analysis data storage section.

6. (Currently Amended) The network monitoring system according to claim 5, wherein:
the action content stored by the analysis data storage section includes time information, which corresponds to the time at which a ~~a~~ ~~[[the]]~~ single action occurred; and

the display-information generation section determines the time interval, ~~within the sequence,~~ that each individual action occurred using the time information stored by the analysis data storage section.

7. (Currently Amended) The network monitoring system according to claim 5, wherein the display-information generation section continuously regenerates the association graph and overlapping additional objects ~~sequence~~ after each predetermined period, which period is accurate within 500 milliseconds.

8. (Currently Amended) The network monitoring system according to claim 1, wherein the display-information generation section extracts and generates ~~[[the]]~~ information of each action occurring on the network in accordance with a display setting set by a user.

9. (Currently Amended) A network monitoring method for monitoring a communication within a network including a plurality of terminals, the terminals including at least a client and a server, the terminals communicating a plurality of action contents with each other, each action content ~~having consisting of~~ a group of associated packets, the method comprising:

acquiring a plurality of packets flown on the ~~[[a]]~~ network;

analyzing each of the packets to extract the group of associated packets from all the packets and acquiring an action content from the group of associated packets, and extracting a plurality of groups of the associated packets and acquiring a plurality of action contents therefrom;

generating display information by chronologically aligning the plurality of action contents to correspond to respective times when the action contents are actually communicated; and

~~displaying a display unit that displays~~ an association graph indicating the terminals within the network and overlapping ~~that overlaps~~ additional objects on the association graph, the additional objects being generated in accordance with the display, the additional objects being overlapped on the association graph in a chronological order corresponding to the respective times ~~along with a sequence of~~ when the action contents are actually communicated,

wherein the additional objects include;

the type of operating system employed by the client,
the type of operating system employed by the server,
an account name of a user accessing the client, and
an icon representing the account name.

10. (Previously Presented) The network monitoring method according to claim 9,
wherein the action content is defined in advance.

11. (Currently Amended) The network monitoring method according to claim 9,
wherein in the acquisition of the action content, kinds of the packets acquired by the packet
acquisition are identified and the action content is acquired from the packets on the basis of the
identified kinds of [[the]] packets.

12. (Previously Presented) The network monitoring method according to claim 9,
wherein the action content includes:

sending source computer information and destination computer information included in a
connection packet;
user information included in an authentication packet;
action object information included in an object specification packet;
action information included in a command packet; and
data included in a data packet.

13. (Currently Amended) The network monitoring method according to claim 9, further comprising:

storing the acquired action content, wherein:

[[the]] information of when the action contents are communicated ~~the sequence of individual actions that occurred on the network~~ is regenerated from the stored action content.

14. (Currently Amended) The network monitoring method according to claim 13, wherein:

the stored action content includes time information, which corresponds to the time at which a [[the]] single action occurred; and

the time interval, ~~within the sequence~~, that each individual action occurred is determined using the stored time information.

15. (Currently Amended) The network monitoring method according to claim 13, further comprising continuously regenerating the association graph and overlapping additional objects ~~sequence~~ after each predetermined period, which period is accurate within 500 milliseconds.

16. (Currently Amended) The network monitoring method according to claim 9, wherein [[the]] information of each action occurring on the network is extracted and generated in accordance with a display setting set by a user.

17. (Currently Amended) A network monitoring program recorded on a non-transitory computer readable storage medium and executable by a computer, the program making the computer monitor a communication within a network including a plurality of terminals, the terminals including at least a client and a server, the terminals communicating a plurality of action contents with each other, each action content having ~~consisting of~~ a group of associated packets, and perform a process comprising:

acquiring a plurality of packets flown on the ~~[[a]]~~ network;

analyzing each of the packets to extract the group of associated packets from all the packets and acquiring an action content from the group of associated packets, and extracting a plurality of groups of the associated packets and acquiring a plurality of action contents therefrom;

generating display information by chronologically aligning the plurality of action contents to correspond to respective times when the action contents are actually communicated; and

~~displaying a display unit that displays~~ an association graph indicating the terminals within the network and overlapping ~~that overlaps~~ additional objects on the association graph, the additional objects being generated in accordance with the display, the additional objects being overlapped on the association graph in a chronological order corresponding to the respective times ~~along with a sequence of~~ when the action contents are actually communicated,

wherein the additional objects include

the type of operating system employed by the client,

the type of operating system employed by the server,

an account name of a user accessing the client, and
an icon representing the account name.

18. (Original) The network monitoring program according to claim 17, wherein the action content is defined in advance.

19. (Currently Amended) The network monitoring program according to claim 17, wherein in the acquisition of the action content, kinds of the packets acquired by the packet acquisition are identified and the action content is acquired from the packets on the basis of the identified kinds of [[the]] packets.

20. (Previously Presented) The network monitoring program according to claim 17, wherein the action content includes:

sending source computer information and destination computer information included in a connection packet;

user information included in an authentication packet;

action object information included in an object specification packet;

action information included in a command packet; and

data included in a data packet.

21. (Currently Amended) The network monitoring program according to claim 17, wherein:

the process further comprises storing the acquired action content; and

[[the]] information of when the action contents are communicated ~~the sequence of~~
~~individual actions that occurred on the network~~ is regenerated from the stored action content.

22. (Currently Amended) The network monitoring program according to claim 21,
wherein:

the stored action content includes time information, which corresponds to the time at
which a [[the]] single action occurred; and

the time interval, ~~within the sequence,~~ that each individual action occurred is determined
using the stored time information.

23. (Currently Amended) The network monitoring program according to claim 21,
wherein the process further comprises continuously regenerating the association graph and
overlapping additional objects ~~sequence~~ after each predetermined period, which period is
accurate within 500 milliseconds.

24. (Currently Amended) The network monitoring program according to claim 17,
wherein [[the]] information of each action occurring on the network is extracted and generated in
accordance with a display setting set by a user.

25. (Currently Amended) The network monitoring system of claim 1, wherein the display unit displays a graphical representation of a ~~[[the]]~~ communication connection between the client and the server.

26. (Currently Amended) The network monitoring method of claim 9, further comprising displaying wherein the display unit displays a graphical representation of a ~~[[the]]~~ communication connection between the client and the server.

27. (Currently Amended) The network monitoring program of claim 17, further comprising displaying wherein the display unit displays a graphical representation of a ~~[[the]]~~ communication connection between the client and the server.